

APPROVED	D.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN	435	69.1

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0050 643580889 350

RTA	IFPKQYPIINFTTAGATVQSYTNFIRAVRGRLTTGADVRHEIPVLPNRVG	50
GELONIN	GLD-----TVSFSTKGATYITYVNFNLNLRVKLKPEGN-SHGIPLLRKKCD	45
RTA	LPINQRFILVELSNHAELSVTLALDVTNAYVVGVRAGNSAYFFHPDNQED	100
GELONIN	DP-GKCFVLVALSNDNGQLAEIAIDVTSVYVVGQVRNRSYFF---KDA	90
RTA	AEAITHLFTDVQNRYTFAFGGNYDRLEQLAGNLRENIELGNPLEEAISA	150
GELONIN	PDAAYEGLFKNTIKTRLHFGGTYPSTLEG-EKAYRETTDLGIEPLRIGIKK	139
RTA	LYYSTGGTQPTLARSFIICIMISEAARFQYIEGEMTRIRYNRRSAP	200
GELONIN	LDENAIIDNYKPTIEASSLLVVIOMVSEARFTFIENQIRNN--FQQRIRP	187
RTA	DPSVITLENSWGRSLTAIOESN-QGAFASPIQLORRNGSKFSVDVSILI	249
GELONIN	ANNTISLENKWGKLSFQIRTSGANGMFSEAVELERANGKKYVYTAVDQVK	237
RTA	PIIALMVYRCAPPPSSQF	267
GELONIN	PKIALLKFDKDPK	251

FIG. 1

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RTA	IFPKOYPIINFTTAGATVQSYTNFIRAVRGRLTTGADVRHEIPVLPNRVG	50
LUFFIN	D-----VRFSLGSSSTSYSKFIGDLRKALPSNGTVYNLTILLSSASG	43
RTA	LPINQRFILVELSNHAELSVTLALDVTNAVYVVGYRAGNSAYFFHPDNQED	100
LUFFIN	---ASRYTLMTSLSNYDGKAITVAVDVSQLYIMGYLVNSTSYFF---NESD	87
RTA	AEAITHLFTDVQNRYTFAFGGNYDRLEQLAGNLRENIELGNGLPEEAISA	150
LUFFIN	AKLASQYVFKGSTIVTLPYSGNYEKLQTAAGKIREKIPLGFPALDSALTT	137
RTA	LYYSTGGTQLPTLARSFIIICIOMISEAARFQYIEGEMRTRIRYNRRSAP	200
LUFFIN	IFHYDSTAA-----AAFLVILQTTAEASRFKYIEGQIIERI--SKNQVP	180
RTA	DPSVITLENS-WGRSLTAIQ--ESNQGAFASPIQLORRNGSKFSVYDVS	247
LUFFIN	SLATISLENSLWSALSQIQLAQTNGTFTKTPVITDDKQORVEITNVT	230
RTA	LIPIIALMVYRCAPPPSSQF	267
LUFFIN	KVVTKNIQLLLLNYQNVA	248

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pos	10	20	30	40	50
EU	DIQMTQS	PSTLSASVGDRVTITCRASQS	IN	TWLAWYQQKPGKAPKLLMY	KAS
hkl	DIQMTQS	PSSLASVGDRVTITCRASQx	Is	xylxwYQQKPGKAPkllIY	aAS
TAC	QIVLTQS	PAIMSASPGKVTITCSASSS	IS	YMHWFQQKPGTSPKLIY	TTS
bind	+	+	+	+	+
bury	+	+	+	+	+
mod	•	•	•	•	•
M/H	H HM	HHM M HH	h M	M MM M	MM
prop	DIQLTQS	PSSMSASPGDRVTITCRASSS	IS	YMHWFQQKPGKSPKLIY	TTS
Que	DIQMTQS	PSTLSASVGDRVTITCSASSS	IS	YMHWFQQKPGKAPKLLIY	TTS

pos	60	70	80	90	100
EU	SLESGVPSRFISGSGGTE	FTLTISLQPDDEFATYYCQYNSDS	KM	FGQGTKV	EVK
hkl	xLxsGVPSRFsGSGSGTx	FTLTISsLQpeDfATYYCqyxxxP	xt	FGqGtKv	eik
TAC	NLASGVPARFSGSGSGTS	YSLTISRMEAEADAATYYCHQRSTYP	LT	FGSGTKL	ELK
bind	-	-	-	-	-
bury	+	+	+	+	+
mod	•	•	•	•	•
M/H	M M	H	hMHm h	M MMM	M h M m
prop	NLASGVPSRFSGSGSGTS	YTLTISSMQAEDEFATYYCHQRSTYP	LT	FGQGTKL	ELK
Que	NLASGVPARFSGSGSGTE	FTLTISLQPDDEFATYYCHQRSTYP	LT	FGQGTKV	EVK

FIG. 12A

